SecurView Wireless N Day/Night Pan/Tilt/Zoom Internet Camera

TV-IP422WN(V1.0R)

The SecurView Wireless N Day/Night Pan/Tilt/Zoom Internet Camera, model TV-IP422WN, provides day and night security over a large area. Pan the camera side-to-side a remarkable 330° and tilt up-and-down 105°.

Wireless n technology provides unsurpassed wireless coverage and improved streaming video quality. Add this camera to your wireless network at the touch of a button with Wi-Fi Protected Setup (WPS).

Infrared bulbs provide night vision for distances of up to five meters (16 feet) in complete darkness. A built-in microphone and optional speakers accommodate 2-way audio communications. Manage up to 32 SecurView cameras with the included complimentary camera management software. Advanced features include motion detection recording, email alerts, scheduled recording sessions, MPEG-4 / MJPEG image compression, 3GPP support, an optional USB port, preset Auto-Patrol, Input/Output ports, and digital zoom. A wall/ceiling mounting kit is included and the off-white camera housing blends into most environments.

FEATURES

- Wi-Fi compliant with IEEE 802.11b/g/n networks
- 3 x digital zoom
- 1 x 10/100Mbps Fast Ethernet port
- 1 x Wi-Fi Protected Setup button
- 1 x USB port allows you to store still images directly to a USB flash drive*
- Pan 330° side-to-side and tilt 105° up-and-down from any Internet connection
- High quality MPEG-4 and MJPEG video recording with up to 30 frames per second
- Resolution up to 640 x 480 pixels resolution
- Power and activity LED indicators (can be disabled)
- Infrared night vision for up to 5 meters (16 feet)
- Dynamic DNS support
- Image control: brightness, contrast, saturation, and mirror (horizontally/vertical)
- Supports TCP/IP networking, SMTP Email, HTTP, Samba, and other Internet protocols
- Record streaming video to your computer and Network Storage Server
- Motion detection triggered email alerts and image upload via FTP
- Stream Internet camera video to a 3GPP compatible wireless device
- Supports 64/128-bit WEP and WPA/WPA2-PSK wireless encryption
- Hear and talk to people in your camera's viewing area through your computer
- Two adjustable motion detection windows with just-in-time snapshot
- Quick Universal Plug and Play installation
- Complimentary SecurView Pro software: manage up of up to 32 camera**
- 3-year limited warranty

*USB port supports up to 500mA power device with FAT16/32 format

**Monitoring multiple cameras may require a high performance CPU

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SPECIFICATIONS

Camera	
General	• Sensor: 1/4" color CMOS sensor • Resolution: 640 x 480 pixels • Board Lens • Focal Length: 4.0mm • Aperature (F/No): F1.8 • Minimum illumination: 0.5 lux • Diagonal Viewing angle: 64 degrees
Pan & Tilt	• Pan: +165~-165 degree • Tilt: +90 ~ -15 degree • Preset positions: 8 positions
Image & Video	• Compression: MPEG-4/MJPEG dual streaming • Exposure/white balance/Gain Control : automatic • Resolution: up to 30ps for VGA (640x480), 30fps for QVGA (320x240), 30fps for QQVGA (160x120)
Audio	• Audio in: internal omni-directional microphone • Sensitivity: -48dB +/- 3dB • Frequency response: 50 ~ 16000Hz • Audio out: external output to active speaker (mono) • Echo Cancellation: hardware voice processor • Audio codec: PCM/AMR
Hardware	
Network	• IEEE 802.3u 10/100Mbps Fast Ethernet, Auto-MDIX
LED	• Power, Link/Act
Reset Button	• Restore to factory default
WPS Button	• Push button for Wi-Fi Protected Setup
Power Consumption	• 10 Watts (max.)
Power	• 12 V DC, 1.5 A external power adapter (3.5 mm plug)
Dimension	• 115 x 110 x 105 mm (4.53 x 4.33 x 4.13 in)
Weight	• 360 g (12.6 oz)
Temperature	• Operating: 0°C ~ 45°C (32°F ~ 113°F) • Storage: -15°C ~ 60°C (5°F ~ 140°F)
Humidity	• Max. 90% (non-condensing)
Certifications	• CE, FCC
Requirement	
Management Interface	• Internet Explorer 6.0 or above
To Run SecurView Pro	• Windows 7(32/64-bit), Vista(32/64-bit), XP(32/64-bit)
SecurView Pro	• Channel: supports up to 32 cameras • Record/Playback/Motion Detection
Network Protocols	• TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP
Wireless	
Standard	• Based on IEEE 802.11n technology • IEEE 802.11g/b compliant
Frequency	• 2.4 ~ 2.4835GHz
Antenna	• 1 x 2dBi dipole antenna (Reverse-SMA connector)
Date Rate (Auto Fallback)	• 802.11n: up to 150Mbps • 802.11g: up to 54Mbps • 802.11b: up to 11Mbps
Security	• 64/128-bit WEP, WPA/WPA2-PSK
Output Power	• 802.11n: 15 ±1 dBm • 802.11b: 15 ± 1 dBm • 802.11g: 18 ±1 dBm
Receiving Sensitivity	• 802.11n HT20: -67dBm • 802.11n HT40: -64dBm • 802.11g: -70dBm • 802.11b: -87dBm
Channels	• 1~11 (FCC), 1~13(ETSI)
Management	
Remote	• Remote management supported
Backup / Restore	• Save/retrieve configuration files
Settings	
Image	• Brightness, sharpness, saturation, flip, mirror (horizontal/vertical)
Video	• Encoding type: MJPEG • Resolution: 640 x 480, 320 x 240, 160 x 120 • Frame rate: 1~ 30 fps • Compression: 5 levels
Recording	• Recording type: continuous, schedule or motion detection with software

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SPECIFICATIONS

Settings	
Multi-Profile	• 3 profiles simultaneously
Port Settings	• HTTP port: 80 (default)
Digital Zoom	• 3x
Dynamic DNS	• Yes
Time	• Synchronize with NTP server or set time/date manually
SMTP	• SMTP mail supported up to 2 accounts with software
System log	• 100 entries (max.)

NETWORKING SOLUTIONS

PACKAGE CONTENTS

- TV-IP422WN
- Multi-Language Quick Installation Guide
- CD-ROM (Utility & User's Guide)
- Power adapter (12V DC, 1.5A)
- Network cable (1.8 m/5.9 ft.)
- Mounting stand

RELATED PRODUCTS

TV-IP121WN	SecurView Wireless N Day/Night Internet Camera
TV-IP312WN	SecurView Wireless N Day/Night Internet Camera
TV-IP110WN	SecurView Wireless N Internet Camera

CONTACT INFORMATION

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